

10714159

Appl No. 10/716,159
Amdt. dated April 13, 2006
Reply to Office action of January 13, 2006

Amendments to the Specification:

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8/11/30/2006

Please replace the paragraph beginning on page 4, line 1 with the following:

Fig. 5 illustrates an embodiment with a RAM associated with the flash NAND device.

Fig. [[5]]6 illustrates a representative timing diagram for address and communication lines provided between the central process unit and serial memory device.

Please replace the paragraph beginning on page 8, line 15 with the following:

In accordance with the subject system, in the event that code sequence are forced to utilize loops, jumps, conditional jumps, or the like, a boot program may suitably copy itself into associated RAM 54 as illustrated in Fig. 5. Such a copy function is provided itself from sequentially executing instructions. After completion of such a copying operation, the boot program may transfer execution to that portion of the program which has been copied into an associated RAM. As illustrated in Fig. 5, MPU 50 is coupled to NAND 52. The boot program is copied on I/O lines 56 from NAND 52 to RAM 54. RAM 54 is addressable by MPU 50 using address lines 58.

Please replace the paragraph beginning on page 6, line 5 with the following:

The sequence noted above is suitably activated by a dedicated chip enable to signal CE[[2]]# which is suitably assertive on a memory device or power-on reset detection circuitry by a reset pin, such as that illustrated by RSTCS#. Such signals suitably generates an internal signal within the memory device 12 to enable the afore-described sequence mode. As will be apparent from a review of Fig. 1, the address lines 16 are not used in a conventional sense as would be with an addressing scheme in a random access memory device.

8/11/30/2006

Please replace the paragraph beginning on pag 7, line 16 with the following:

The sequence mode noted above includes two functions. A first function is to enable serial data output from a memory device. This is suitably accomplished by toggling the output enable OE#, or a similar signal, such as the read enable RE#, of an associated microprocessor. In the preferred embodiment, the data represents sequential microprocessor instructions and thus no address pins are required. When a sequence is enabled, the memory device in the preferred embodiment automatically loads its internal register from an associated memory cell area which